



AF IAW
USSN: 09/528,682
Atty. Dkt. No.: PP00342.105
2302-0342.10

PATENT

CERTIFICATE OF MAILING PURSUANT TO 37 CFR § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on

December 15, 2004.

12/15/04
Date

Michelle Hobson
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

PIZZA et al.

Serial No.: 09/528,682

Filing Date: March 20, 2000

Title: IMMUNOGENIC DETOXIFIED
MUTANT E. COLI LT-A TOXIN

Examiner: M. Borin

Group Art Unit: 1631

Confirmation No.: 5794

RESPONSE TO ADVISORY ACTION

Mail Stop AF
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

This paper is responsive to the Advisory Action mailed on December 7, 2004. A Final Office Action was mailed September 15, 2004, making a response filed before or on December 15, 2004 timely filed.

Remarks begin on page 2 of this paper.



USSN: 09/528,682
Atty. Dkt. No.: PP00342.105
2302-0342.10

PATENT

CERTIFICATE OF MAILING PURSUANT TO 37 CFR § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 15, 2004.

12/15/04

Date

Michelle Hobson

Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

PIZZA et al.

Serial No.: 09/528,682

Filing Date: March 20, 2000

Title: IMMUNOGENIC DETOXIFIED
MUTANT E. COLI LT-A TOXIN

Examiner: M. Borin

Group Art Unit: 1631

Confirmation No.: 5794

TRANSMITTAL LETTER

Mail Stop AF
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing, please find the following documents:

X Response to Advisory Action (9 pages)

X Return receipt postcard

The fee is calculated as follows:


	NO. OF CLAIMS	CLAIMS PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	26	- 26	0	x \$50.00	\$0
Independent Claims	4	- 4	0	x \$200.00	\$0
Multiple dependent claims not previously presented, add \$360.00					\$0
Total Amendment Fee					\$0
Petition for Extension of Time Fee					\$0
Small Entity Reduction (if applicable)					\$0
TOTAL FEE DUE					\$0

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 18-1648.

Respectfully submitted,

Date: December 15, 2004

By: _____



Dahna S. Pasternak
Attorney for Applicant
Registration No. 41,411

Chiron Corporation
Intellectual Property – R440
PO Box 8097
Emeryville, CA 94662-8097
Telephone: 650-493-3400
Facsimile: 650-493-3440